



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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WASHINGTON, DC 20350-2000

OPNAVINST 8010.13E
N96
14 Jan 2014

OPNAV INSTRUCTION 8010.13E

From: Chief of Naval Operations

Subj: DEPARTMENT OF THE NAVY POLICY ON INSENSITIVE MUNITIONS

Ref: (a) 10 U.S.C. §2389
(b) DoD Directive 5000.01 of 12 May 2003
(c) DoD Standard Operating Procedure (SOP) for Insensitive Munitions Strategic Planning and Plans of Action and Milestones (POA&Ms) defined by Joint Services Business Rules, April 2013
(d) OUSD(AT&L) memo of 21 July 2004, Insensitive Munitions Strategic Planning
(e) DoD Acquisition Managers Handbook for Insensitive Munitions, August 2013 (NOTAL)
(f) CJCSI 3170.01H
(g) JCIDS Manual of January 2012
(h) NAVSEAINST 8010.5B

Encl: (1) Customary Navy Insensitive Munitions Strategic Planning Schedule
(2) Customary Insensitive Munitions Strategic Plan Approval Process

1. Purpose

a. To issue revised Department of the Navy (DON) insensitive munitions policy.

b. This revision reflects new office codes from Office of the Chief of Naval Operations (OPNAV) realignment of 2012 and adds details for the activities of the insensitive munitions council. This instruction is a complete revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 8010.13D.

3. Background

a. Insensitive munitions are those munitions designed to fulfill their performance, readiness, and operational

requirements on demand, while minimizing the violence of their response to unplanned stimuli, such as heat, shock, and impact.

b. The term munitions refers to all non-nuclear energetic devices, including bombs, missiles, torpedoes, mines, pyrotechnic devices, demolition charges, rocket motors, and those devices that utilize energetic materials. The energetic materials in these munitions produce the required propulsive power, fuzing, and terminal effects to meet operational requirements. However, the intrinsic sensitivity of these materials also makes the munitions susceptible to initiation or ignition by unplanned stimuli. As a result of this sensitivity, munitions present a significant threat to personnel and to the survivability of Navy ships and other weapons platforms, as well as storage facilities, logistics hubs, and transportation nodes.

c. Per reference (a), the United States Congress amended Public Law 107-107, the National Defense Authorization Act for fiscal year 2002, by requiring that munitions under development or procurement be safe throughout development and fielding when subject to unplanned stimuli. Reference (b) states, "All systems containing energetics shall comply with insensitive munitions criteria." References (c) through (g) mandate that programs subject to Joint Requirements Oversight Council (JROC) approval of insensitive munitions criteria must fulfill all performance, readiness, and operational requirements on demand. Performance and operational requirements are clearly under the purview of the OPNAV resource sponsors (RS).

d. Reference (c) publishes Department of Defense (DoD) guidance for the submission of insensitive munitions strategic plans to the JROC and the Office of the Under Secretary of Defense (Acquisition, Technology and Logistics) (OUSD(AT&L)). These plans serve to increase the visibility into the total DoD munitions portfolio across services, U.S. Special Operations Command, Missile Defense Agency and their program executive offices (PEO) and enable decisions to be made in a broader context. Reference (c) articulates the following:

(1) Specifies that procurement approval authority lies with the JROC for all munition items not meeting the insensitive munitions criteria.

(2) Requires PEOs with weapon responsibilities to develop and submit insensitive munitions strategic plans with plans of action and milestones (POA&M) to the JROC and OUSD(AT&L) biennially. The POA&Ms will identify how future purchases of the same system or future system variants will achieve incremental and full insensitive munitions compliance.

e. All DON munitions, without regard to program acquisition category (e.g., new procurements of legacy systems; low-rate initial production research and development programs; product improvement programs; and non-developmental items, etc.) shall be designed to meet insensitive munitions requirements. Operational capabilities and performance must be attained without compromising system and platform safety. Insensitive munitions should be integrated using a systems safety approach (e.g., energetic materials, case and container design configurations, etc.). Achieving insensitive munitions compliance or incremental improvement in insensitive munitions compliance must be viewed over the program's entire life cycle. DoD acquisition policy specifies evolutionary acquisition strategies as the preferred approach to satisfying operational needs. Spiral development is the preferred process for executing such strategies. Insensitive munitions considerations must be included in these windows of opportunity that match available technology and resources, thus enabling the evolutionary acquisition strategies. Specific guidance on the insensitive munitions cycle and insensitive munitions strategic plan process is contained in reference (h), enclosures (1) and (2), and other Commander, Naval Sea Systems Command (COMNAVSEASYS COM) governing instructions.

f. Insensitive munitions compliance shall be addressed at all milestone and gate reviews for munitions programs. The ultimate objective is to design and deploy munitions that have no adverse reaction to unplanned stimuli.

g. The Navy's insensitive munitions policy extends to all munitions, regardless of the source of design or manufacture, which are used, stored or transported aboard U.S. Navy ships, weapon platforms, weapon carriers, as well as munitions held at naval shore activities. Every effort shall be made to ensure maximum compliance with the provisions of the references.

4. Responsibilities

a. The Director, Surface Warfare (OPNAV (N96)) is the Navy insensitive munitions executive agent with responsibility for overseeing and coordinating the planning, funding, and execution of the insensitive Munitions Advanced Development Program.

b. The Director, Air Warfare (OPNAV (N98)) is the Navy air weapons executive agent with responsibility for overseeing and coordinating air weapons needs with OPNAV (N96) and the planning, funding, and execution of the insensitive munitions technology transition program.

c. The OPNAV insensitive munitions council is established to assist in the execution of the insensitive munitions process. The insensitive munitions council shall be chaired by the Deputy Director, Surface Warfare (OPNAV (N96B)) who shall coordinate the council activities. The insensitive munitions council is the Chief of Naval Operations (CNO) authority for final determination and approval of the insensitive munitions compliance for all naval munitions that meet insensitive munitions technical requirements.

(1) Members of the council are as follows:

(a) Assistant Secretary of the Navy, Research, Development and Acquisition (ASN(RD&A));

(b) Director, Logistics Programs and Corporate Operations Division (OPNAV (N41));

(c) Navy Flag representative to the Joint Capabilities and Urgent Needs (OPNAV (N803));

(d) Naval Sea Systems Command Deputy Commander for Ordnance Safety, and Explosives, (SEA 00V);

(e) Naval Air Systems Command, Assistant Commander for Research and Engineering (AIR-4.0);

(f) Branch Head, Air Warfare Requirements (OPNAV (N98W));

(g) Branch Head, Submarine Weapons and Payloads
(OPNAV (N97E2));

(h) Deputy Director, Expeditionary Warfare Branch
(OPNAV (N95B));

(i) Chief of Naval Research; and

(j) Marine Corps Systems Command (MARCORSYSCOM)
Program Manager for Ammunition (PM Ammo).

(2) Other participants (Office of the Secretary of Defense (OSD), other military departments, U.S. Fleet Forces Command, or service insensitive munitions representatives, etc.) may be invited at the discretion of the insensitive munitions council chairperson.

(3) The insensitive munitions council shall meet periodically or at least semi-annually at the call of the chairperson, to include electronic insensitive munitions council meetings. Duties of the insensitive munitions council shall include: CNO approval for DON insensitive munitions strategic plans prior to submission to the JROC; coordination of the planning, funding, and execution of the insensitive munitions program; development of naval positions on requests for approval of insensitive munitions compliance and strategic plans; the conduct of reviews of other services' insensitive munitions strategic plans; and other matters pertaining to insensitive munitions. Council activities should be timed to provide support for programmatic and budgetary decisions by OPNAV principal officials.

(4) Reference (d) requires that PEO insensitive munitions strategic plans be co-signed by the appropriate acquisition executive and comptroller (or RS), thus conveying a commitment to execution and funding. To minimize disruption to the PEO insensitive munitions planning effort, and the time required for coordination and staffing, appropriate RSs from Deputy CNO, Warfare Systems (CNO(N9)); Director, Special Programs (OPNAV(N89)); Director, Technology Requirements, and Test and Evaluation (OPNAV(N84)); and Deputy CNO, Information Dominance (CNO(N2/N6)) shall certify that resources depicted in respective PEO insensitive munitions strategic plans are within the DON budget. This certification shall be presented at the

insensitive munitions council meeting. Insensitive munitions council approval will thus constitute the only OPNAV endorsement required, allowing the plans to be forwarded directly to ASN(RD&A).

d. The OPNAV insensitive munitions council working group shall consist of the action officers designated by the insensitive munitions council members. The insensitive munitions council working group shall support the insensitive munitions council by providing assistance and O-6 level coordination. The goal of the insensitive munitions council working group is to address and resolve issues to build consensus prior to the insensitive munitions council meetings. Consensus on the insensitive munitions strategic plans among the insensitive munitions council facilitates an electronic insensitive munitions council meeting vice a face-to-face insensitive munitions council meeting, which is advantageous to the government in that it eases senior officers' schedules and saves travel time and resources.

e. COMNAVSEASYS COM is the lead systems command for explosive materials, energetic materials, and insensitive munitions. COMNAVSEASYS COM involvement in the insensitive munitions effort includes:

(1) Support the insensitive munitions council in all aspects of planning and execution of the insensitive munitions program, including consolidation and oversight of the insensitive munitions strategic plans and POA&Ms for all munitions programs and insensitive munitions technology development efforts;

(2) Assign an insensitive munitions council executive secretariat;

(3) Assign a representative to the insensitive munitions council working group;

(4) Issue implementing instructions that pertain to the technical and program requirements for insensitive munitions; and

(5) Maintain the Naval Ordnance Safety and Security Activity (NOSSA), Energetics Evaluation Branch (EEB) (NOSSA N85)

as the Navy focal point for all programmatic and technical matters pertaining to insensitive munitions. The responsibilities of the NOSSA EEB shall include:

(a) Supporting the insensitive munitions council and insensitive munitions council working group through establishment of an oversight process to identify munitions programs and the conduct of reviews to evaluate insensitive munitions compliance;

(b) Managing and technically directing the Navy's Insensitive Munitions Advanced Development program;

(c) Establishing and maintaining insensitive munitions strategic plan; out-of-cycle approvals to procure non-insensitive munitions compliant munitions; and POA&M and insensitive munitions compliance processes and procedures consistent with policies established by DoD;

(d) Maintaining records of all insensitive munitions strategic plan, JROC-directed out-of-cycle actions, POA&Ms, and approvals of insensitive munitions compliance. This includes approvals to procure for those munitions not meeting the insensitive munitions requirements submitted by all services, components, combatant commanders, and agencies that require review by the insensitive munitions council;

(e) Serving as the Navy lead in maintaining an active role in the DoD insensitive munitions integrated process team including required participation in the Joint Services Insensitive Munitions Technical Panel (JSIMTP); and

(f) Serving as the Navy lead in the coordination and participation within the North Atlantic Treaty Organization insensitive munitions and munitions safety community.

f. PEOs and program managers (PM) shall identify their respective programs that are subject to insensitive munitions criteria and manage their insensitive munitions strategic plans, which will include POA&Ms for insensitive munitions priority weapons as defined in reference (c). To provide adequate time for review and coordination of insensitive munitions council activities, DON insensitive munitions strategic plans shall be submitted to the insensitive munitions council executive

secretariat not later than 105 days prior to the OSD deadline. The OSD deadline is typically 15 February. Insensitive munitions strategic plan key elements and POA&M format are prescribed in reference (c). For insensitive munitions strategic plan purposes, the U.S. Marine Corps (USMC) has consolidated all insensitive munitions-related activities under the MARCORSYSCOM PM Ammo. Accordingly, all references in this instruction to PEOs shall also apply to PM Ammo except that submission of the PM Ammo insensitive munitions strategic plan to ASN(RD&A) shall be via the appropriate USMC chain of command.

(1) In-service munitions shall have either a valid insensitive munitions council approval of insensitive munitions compliance or JROC approval to procure at all times throughout its lifecycle, but not later than milestone C (full rate production decision).

(2) Any departure from the policy provisions of this instruction must be approved by the insensitive munitions council. While the insensitive munitions strategic plan is the vehicle to submit, obtain, and document consolidated lawful procurements, PEOs will retain the flexibility to submit out-of-cycle approvals to procure those munitions not meeting the insensitive munitions requirements to meet specific urgent program milestones or warfighter requirements. All approved out-of-cycle approvals to procure shall be reported in the next regular insensitive munitions strategic plan submission. These out-of-cycle requests shall include:

(a) The same information required of insensitive munitions strategic plans (i.e., POA&M, schedule, funding requirements, etc.) for program evolution to insensitive munitions compliant status.

(b) Validation of the urgency of the need (e.g., U.S. Fleet Forces Command-validated Navy urgent operational need; combatant commander-endorsed; joint staff validated; joint urgent operational need; or joint emergent operational need, etc.).

(3) A system description; insensitive munitions test description and results; and a technical assessment by the NOSSA EEB shall accompany a request for insensitive munitions compliance.

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(4) DON insensitive munitions strategic plans shall be addressed as follows:

From: Program Executive Office (PEO)
To: Office of the Assistant Secretary of the Navy,
Research, Development & Acquisition (ASN(RD&A))
Via: Chief of Naval Operations (OPNAV N96B)

g. PEOs will take action to ensure that the policies within this instruction are implemented. Reference (e) provides additional information that can assist PEOs in meeting guidance from higher authority.

h. All implementing instructions shall be reviewed and revised, as necessary, to conform with this instruction within 120 days from the date of issuance.

5. Records Management. Records created as a result of this instruction, regardless of media and format, shall be managed per Secretary of the Navy Manual 5210.1 of January 2012.

A handwritten signature in dark ink, appearing to read 'T. S. Rowden', is centered on the page. The signature is fluid and cursive.

T. S. ROWDEN
Director, Surface Warfare

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CUSTOMARY NAVY INSENSITIVE MUNITIONS STRATEGIC PLANNING SCHEDULE

DATE	PURPOSE
PLANNING YEAR - ODD-NUMBERED CALENDAR YEARS	
January - March	<ul style="list-style-type: none">- NOSSA EEB conduct workshop to provide feedback from JSIMTP) and updates to policy and process.- PEOs review POA&Ms for tier 1 and 2 programs, as defined per reference (e), and, based on progress, validate ranking for priority status and new programs. Prepare new POA&Ms and POA&M updates as needed.
April - June	PEOs or PMs brief draft POA&Ms to the NOSSA EEB, and JSIMTP; update as required.
July - August	PEOs or PMs finalize POA&Ms for tier 1 and 2 programs, prepare and staff strategic plan to NOSSA EEB and JSIMTP. Incorporate comments. Prepare final draft. Begin program objective memorandum (POM) planning to support strategic plan.
1 September	Completed strategic plans to PEO for signature.
15 September	Signed plans submitted to NOSSA EEB for staffing and coordination.
1 November	PEO or PM submit signed strategic plan to Naval Guns and Ammo (OPNAV N96C1C)) and where required, identify POM issues and funding requirements to CNO and RS(s), to support the strategic plan.
15 November	Strategic plan read-ahead comments and summary available from NOSSA EEB for members of the council working group and the council.
17 December	Council meeting to review Navy strategic plan.
SUBMISSION YEAR - EVEN-NUMBERED CALENDAR YEARS	
2 January	CNO-endorsed plans submitted to ASN(RD&A).
15 February	Strategic plans, endorsed by the insensitive munitions council and Navy acquisition executive, submitted to Joint Staff (J-4 Logistics Directorate/J-8 Force Structure, Resources, and Assessment Directorate) and OUSD(AT&L), Strategic and Tactical Systems(S&TS), and OUSD(AT&L), Land Warfare and Munitions (LW&M).
March - June	Staffing, reviews, joint staff insensitive munitions working group, Protection Functional Capabilities Board, Joint Capabilities Board, JROC, etc.
July - August	NOSSA EEB conduct strategic plan Workshop: <ul style="list-style-type: none">- NOSSA EEB to provide updates from the review and approval processes, feedback, lessons learned, and changes to reporting criteria.- PEOs to identify concerns.
August - December	PEOs continue to execute insensitive munitions programs and provide feedback to NOSSA EEB and JSIMTP, as required.

Enclosure (1)

